

◆ OTVARC Oscillator ◆

Oregon Tualatin Valley Amateur Radio Club

December 1996

OTVARC PRESIDENT'S COLUMN

By Jim Schaeffer, KB7ADH

Wow has it been a whole year already! Guess so. Well then, looks like this will be my last column as OTVARC President. Thanks for all the support, comments and ideas all of you have provided to me throughout 1996. Please continue your support of your President (whoever "SHE" is) on into 1997.

By now you should have received your ballot to vote for OTVARC officers & trustees for 1997. Ballots will be counted and winners announced at the *December "Holiday Party" club meeting on Wednesday the 11th.*

Our November club meeting program was one of the best technical programs that I can remember. It covered the technical details of the Washington County 800 MHz trunked radio system. They have 4 transmitters simulcasting on the same frequency. They are so precisely tuned and matched that you hear no heterodyne. They talk about frequency drift not in hertz or degrees of a hertz; but in seconds. Wow!!! You scanner buffs also missed out getting the list of VHF frequencies that are still used by Washington county. The consensus was that we need another program to continue further with this subject.

There was very good turn out for our 2 meter simplex contest on Wednesday October 30. Awards will be handed out at the *December "Holiday Party" club meeting on Wednesday the 11th.* The next contest will be on the next 5th Wednesday; which is, January 29. Join in. It only takes a few minutes and a handheld. If you throw out your call halfway through the hour, I guarantee you'll generate a pile-up and feel like rare DX.

Word just in from ARRL. Mary Lou Brown NM7N has been re-elected as ARRL Northwest Division Director. We will have her speak at one of our OTVARC meetings in 1997.

Be sure to renew your ARRL membership ASAP. Dues will increase early in 1997.

Where were you when winter started (the snow & rain on Nov. 18 & 19)? That was a wake up call for what is coming over the next 3 or 4 months. Are you prepared to provide communications for the next one, whatever it is? Batteries charged? Antennas tuned? ARES frequencies memorized? Remember all those things you were going to do after last year's floods and mud slides to be more prepared next time. Well,...Now is the time to get ready!!!

Even though I am a now officially "the lame duck," I still need your comments and ideas. What ideas do you have for programs for 1997? Do you know someone who would be a good speaker? Is there a topic you would like to present? Maybe you have slides of your station, mobile installation, tower, or home brew project? Let me know and we will fit it in !!!!!

See you at the *December "Holiday Party" club meeting on Wednesday the 11th.* AAAAAAAAdh



CHANGE IN NEWSLETTER FORMAT

By Dale LeBarron, W7FBP

If you think your favorite newsletter, the *Oscillator*, has a different look, you're right! Our previous Editor, Bill Merwin, N7VZF, was forced to resign due to lack of time. Sometimes the demands of working get in the way of our other activities, and you know what usually happens in that situation.

The Club Officers are looking for a new Editor to take over the publishing duties, and until they find a volunteer, I'll try to keep the OTVARC newsletter coming your way.

During this change-over period, if you have any ideas about what you would like to see in *YOUR* newsletter, or a change in the looks of it, drop me a line or give me a call. While you're at it, remember that all articles submitted by members will be published if they are in good taste.

MINUTES OF BOARD MEETING 10-23-96

By Allan Chinnoek, KB7POR, Secretary

1. Those in attendance: Betty Mickley, Chuck Mickley, Al Berg, Jim Schaeffer, Janet Bell, Alan Chinnoek, Will Sheffield.
2. Meeting called to order at 7:08 p.m. by President Jim Schaeffer.
3. Minutes were approved as revised.
4. Treasurer's report was presented and accepted.
5. Programs:
November -- Washington County 800 MHz trunked system
December -- Christmas party.
6. Joe Reeves at Ham Radio Equipment was not getting the newsletter and he was not being billed for his add. Both problems have been fixed.
7. Discussion about the QSL cards to invite people to the meetings. Carl Clawson and Neil McKie were working on getting labels made. Jim Schaeffer will follow up on this.
8. Equipment loan program: Jim Schaeffer has a contact with a possible donation. Stan Griffiths has been given the information.
9. The Christmas Party plans were discussed.
10. The November board meeting falls on the day before Thanksgiving. We will hold the meeting as scheduled. The December board meeting falls on Christmas Day. We will reschedule for Wednesday December 18. This will depend on the availability of the room.
11. Meeting adjourned at 7:50 p.m.

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FROM THE SECRETARY

By Alan Chinnoek, KB7POR

Subtitled: How to Work in a Volunteer Organization and Live to Tell About It.

As my father taught me years ago, If the organization is important to you then you must support it. This is a very good and noble concept. The problem is that it can be difficult to achieve in real life. Over the years I have been involved in a number of organizations (volunteer fire department, church, ski club, ham radio club) and I think I have learned a couple of things that can help.

I will start with the assumption that we all feel that we should support the organizations to which we belong. If not, I would have to ask why you are interested in belonging to the group? I guess there may be some organizations that do not require support, but why I am not sure.

Now that we are in an organization and we know that we need to support it, what do we do? At first it seems like the best and easiest thing to do is to wait for the President to twist our arms to do something. After all, the leadership of the organization knows best what needs to be done. Heaven forbid we should offer to do something that is not on the top of the list of the organization's plans.

What can go wrong with this approach? 1) You will be asked (forced) to do a job that you do not like or have the skills for. The leadership of the organization does not know your skills or interests. 2) You will not do anything for the organization. The leadership often does not have the time to search out all the potential resources available. This is against what we agreed to above.

Is there another approach? You bet there is. The catch is that you have to do something. You know the reasons for the existence of the organization, and you know your skills and interests. Now all you have to do is match the two up. Once this is done, you know what you need to do. Go to the leadership of the organization and volunteer to do the activity of your choice.

Now you are contributing to the organization using your skills doing something that you enjoy. This starts to sound a lot like a definition for fun and play. Now, when the leadership comes and twists your arm to do a job that you do not want to do, you can Just Say No without guilt. You are already contributing.

One more word of warning. Do Not allow yourself to get burned out. Once you reach burn out, you are no longer able

(Continued on page 3)

(Continued from page 2)

to be a useful contributing member to the organization. There is nothing wrong with taking some time off. You do not need to feel bad about this – you have been a contributing member and will be again. Just think of this as a volunteer vacation.

With all this said, I expect that the new OTVARC Board will be overwhelmed with people volunteering to help with the operation of the club. If you need some suggestions of what could be done in the club just look at the open positions in the list in the newsletter. You will see me in the coming months working on a project related to battery charging, culminating later in the year with project nights to build a battery charging system.

THE PHANTOM PULLS JAIL TIME IN INTERFERENCE CASE

From THE ARRL Letter

Interfering with police radios has resulted in a four-month jail term for Bobby Lee Aguero, KE6VNU – a Sacramento, California, area ham who now lists a Mead, Washington, address. Aguero, who is said to have identified himself as the "The Phantom" while interfering with police calls, was convicted of jamming and interfering with Roseville, California, police communications.

He was ordered to serve 120 days in jail and pay more than \$1400 in fines. In April, Roseville Police said they caught Aguero, 18, "essentially red-handed" while interfering with police calls there. Similar charges were pending against Aguero as a result of another incident on June 2nd in Seaside Oregon (during SeaPac).

As a result of a plea bargaining, Aguero pleaded guilty to three misdemeanor counts: Interfering with communications, delaying a police officer, and destroying evidence. A witness at the sentencing said Aguero – who showed no remorse – was additionally ordered to stay away from radio equipment.

His sentence was reduced by the 52 days he'd already served, and Arguero is reported to have left the courtroom in ears. He'll be on probation after he's released from jail.

Local hams present at the sentencing had presented the judge with background information regarding the defendant's behavior within the Amateur Radio community. Sev-

eral hams said they were gratified that Aguero got a stiff sentence and expressed hopes that the case would set an example in efforts to crack down in other cases of malicious interference. Arguero began his 68 continuous days of jail time on November 1st.

ARRL/VEC TEST FEE TO RISE

From THE ARRL Letter

The ARRL/VEC has set its 1997 Amateur Radio test fee at \$6.25. This is in accordance with an October 31, 1996, Public Notice setting the maximum volunteer examiner expense reimbursement at \$6.25 for 1997. The current maximum is \$6.07. The new figure is based on a 3.1% increase in the Department of Labor Consumer Price Index (CPI) over the period September 1995 to September 1996.

As an ARRL/VEC policy, examinations which include only Elements 1(A) (5-wpm code test) and/or Element 2 (Novice written exam) will not be charged the standard fee in 1997.

Morse code exemption applications will be charged the standard \$6.25 fee in 1997.

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FIFTH WEDNESDAY RADIO CONTEST

OCTOBER 30, 1996

By Alan Chinnock, KB7POR

The results are in and the winners have been determined. More about this later. Nineteen stations from twelve ZIP codes participated. There were ten class A stations, seven class B and two class C. The highest possible score could have been 300 points. This could have been done by a class A station in a ZIP code with another station in it. Nobody did this. Of the nineteen stations only ten submitted logs for scoring. The results are given below.

Class C:

KC7PIK	12 contacts	120 points
Class C Winner		

Class B:

WA6KLA	14 contacts	200 points
Class B Winner		
AE7W	13 contacts	136 points
K7QXG	11 contacts	98 points
WB7FJC	8 contacts	60 points
N7NWM	4 contacts:	24 points

Class A:

WB7SIC	16 contacts	230 points
Class A Winner		
KB7ADH	12 contacts	128 points
KI7CL	8 contacts	66 points
KB7POR	9 contacts	66 points

The winners will be presented with lovely lime-green certificates at the December meeting/holiday party. There will also be a special presentation pertaining to the contest at the same time.

As we roll into the New Year, the calendar shows that we have five opportunities for this fun event. They are January, April, July, October and December. The January date is rapidly approaching, so mark your calendars. (Do it right now before you forget) The December date provides some interesting possibilities. The contest is on New Years Eve. Can't you just see this bunch of party animals breaking up the party to move the contest time to midnight?



GATE 2 VANITY CALL SIGNS FINALLY ISSUED

From THE ARRL Letter

After an approximately six-week wait, most of the hams who got their applications to the FCC on the opening day of vanity call sign Gate 2 were rewarded with one of their new call sign choices.

The log jam broke on Election Day, just before the close of business at the FCC's Gettysburg, Pennsylvania office, where the amateur computer system had been down for more than a week. Most of the 4500 first day applications were successfully run, and 3500 new call signs were issued.

It was estimated that "between 500 and 550" applications were dismissed because the FCC was unable to grant a new call sign. Applicants who did not get one of their choices will have to apply in writing for a refund of the \$30 filing fee. The FCC will mail, to all unsuccessful applicants, a copy of the application (including FCC processing numbers) and a copy of their check. To request a refund, applicants then must send a letter to the FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245, along with their taxpayer ID number (Social Security number).



REMEMBER DECEMBER 11TH

AZDEN RADIOS

2-Meter and 6-Meter mobiles in stock

Call: Jack - N7CXX in Wilsonville

Local Phone - Information (503)682-7898

Orders Only Please 1-800-835-4895

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* New 25 and 45 in stock locally *

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WEEKLY CW CODE PRACTICE

By Dale LeBarron, W7FBP

Phil, N7WLQ, announced at the November meeting that CW classes are being held each Tuesday evening at 8PM on the 145.19(-) repeater, the Oregon Astronomy Repeater.

Those wishing to start from scratch, or those wishing to brush up on their C W, will find this an interesting and informative method of learning.

A high speed code session, 35 wpm and above, also takes place on the repeater following the code classes.

At the present time the usual series of classes is ending and review material is being discussed. A new series of code lessons will begin, or may have begun by the time you read this.

Mark your calendar and listen in – you might just like it.

FCC MAY AUCTION OFF 2.3GHZ OF SPECTRUM

From THE ARRL Letter

The ARRL has been reporting on the Congressional direction to the FCC regarding the reallocation of specific frequencies, including 5 MHz that Amateur Radio shares with government services between 2305 and 2310 MHz. During its final hours before adjournment, the 104th Congress approved a provision as part of a much larger appropriations bill that directs the FCC to put 30 MHz of spectrum in the 2.3 GHz region up for competitive auction to help balance the budget.

The National Telecommunications and Information Administration (NTIA) had identified for reallocation the amateur segments 2300-2310 MHz and 2390-2400 MHz in May 1994, so reallocation of part of that subband came as no surprise (refer QST, Jul 94, Page 85 and Aug 94, Page 73). Last year, hams scored a major victory by getting a primary allocation on the subbands 2390-2400 MHz and 2402-2417 MHz.

The congressional action will reallocate 2305 to 2320 MHz and 2345 to 2360 MHz (30 MHz in all) to "wireless services that are consistent with international agreement concerning spectrum allocations." This action was included in the massive, 2000 page Omnibus Consolidated Appropriations Act, which was passed by Congress and signed by President Clinton. The act is now Public Law 104-208.

Shortly after the measure was introduced in Congress, the ARRL sent messages to House and Senate Commerce Committee and Appropriations staff members alerting them to the League's concerns and the possible impact the bill would have on the amateur community. The newly reallocated spectrum is to be put up for bid no later than next April.

ARRL Executive Vice President, David Sumner, K1ZZ, said it's too early to know the implications for Amateur Radio. "Congressional action directing the reallocation of specific frequency bands is very unusual, and may even be unprecedented," he said. "We have been waiting for the other shoe to drop on 2300-2310 MHz ever since 1994, and to some extent we are still waiting." Sumner expressed hope that the action might provide the opportunity to strengthen Amateur Radio's claim to 2300-2305 MHz.

HRO BUYS TUCKER INVENTORY

From THE MARC NEWS

Tucker Electronics, a Texas based retailer of test equipment and more recently, ham radio gear, announced in Late October that it has sold its inventory to Ham Radio Outlet. All 12 HRO stores are now selling the Tucker brand accessories, along with tools, including a complete selection of Weller soldering products. Kenwood has also been hosting a special promotion at all HRO stores with prize drawings, refreshments and other giveaways.

EDITORS COMMENTS

By Dale LeBarron, W7FBP

Afew items usually seen in the newsletter weren't included in this issue. I don't know why, but when press time came due, there were no inputs on the usual Packet column, no information was received on For Sale or Wanted gear or goodies, and no news on the ARES activities in the club or in Washington County.

Since printing time is just around the corner, we don't have time to wait — maybe we can double up next month!

Those of you who have been doing the usual columns, keep it up — we all enjoy reading them. For individuals who have a "Want" or a "For Sale," give me a call at 638-7768 by the next meeting so we can include your ad.

ENJOY YOUR HOLIDAY SEASON!

OTVARC HOLIDAY PARTY

Wednesday, December 11, 1996

Regular meeting night at the Beaverton Elks
6:00-7:00 PM Regular Elk's Dinner at regular price

7:00-7:30 Brief Club Meeting

Followed by

The Gibsonian

-a local group of musicians and vocalists with a great deal of background in the music and entertainment field. This smooth vocal group has performed throughout the U.S., and Canada. They have performed with many of the stars in the recording business.



the GIBSONIAN

featuring: Leslie Lynn, Carol Lynn, and Bobby Gibson KN7J.

7:30-10:00 PM Live Music and Social Time
with light snacks, coffee and punch

About 8:15 PM Election Results
About 9:15 PM Raffle Drawing
(Must be present to win)

Raffle Drawing

Lots of fun prizes to win: Ham stuff, Holiday stuff and other stuff

Grand Prize

\$250.00 gift certificate for either HRO or Washington Square
(to be purchased and delivered to the recipient within days of the drawing)

buy your lucky tickets from Chuck or Betty Mickley
at the December Club meeting.

\$1.00 each or 6 for \$5.00

1 raffle ticket per 3 cans or packages of food brought to the meeting for the Elks food drive

BRING CANS INTO THE MEETING ROOM-DO NOT LEAVE IN ELKS LOBBY



BOB SIMPLETON'S GUIDE TO QUARTER WAVE ANTENNAS

brought to you by
**Amateur
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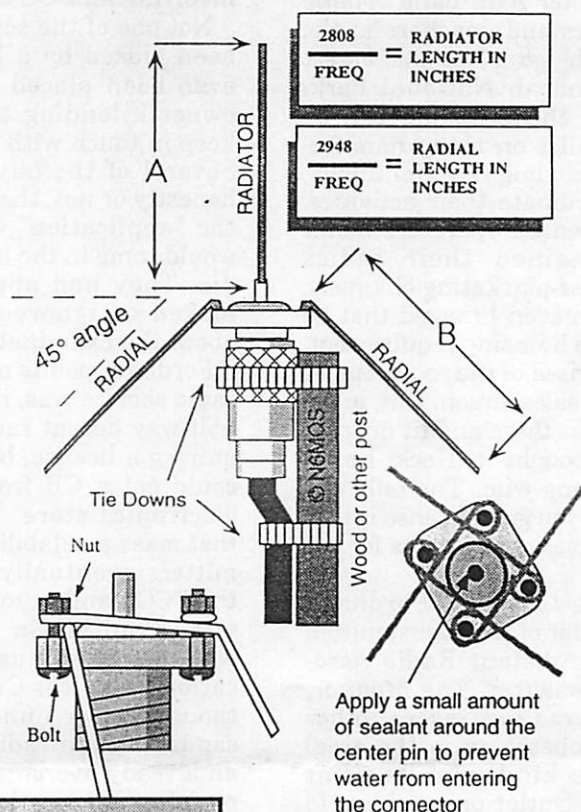
One of the simplest antennas you can build is a quarterwave ground plane antenna. It is small in size and is inexpensive.

The only part you will need to buy is a SO-239 panel mount connector. You can use an old wire hanger for the radiator and radials.

You will need to use your soldering iron or gun to attach the radiator to the center post of the SO-239. File any paint or coating from the radiator wire before soldering. Cut the radiator to the proper length before soldering it. If you can find a short copper tube to help secure the radiator to the SO-239, your antenna will stand up to high winds.

The radials may be soldered or attached with screws. Screws are the easier method if you take the time to overlap them as shown in the diagram. Cutting the radials may be done after the construction is complete.

The radials should be bent to an angle of 45 degrees for 52 ohm base impedance. If the radials are perpendicular to the radiator, the base impedance is approx. 36 ohms. Radials parallel to the radiator have an impedance of approx 75 ohms.



FREQUENCY CUTTING CHART

RADIATOR FREQ	RADIALS	
28.1	99.93	104.93
28.2	99.57	104.55
28.3	99.22	104.18
28.4	98.87	103.82
28.5	98.53	103.45
28.6	98.18	103.09
28.7	97.84	102.73
28.8	97.50	102.38
28.9	97.16	102.02
29.0	96.83	101.67
29.1	96.49	101.32
29.2	96.16	100.97
29.3	95.84	100.63
29.4	95.51	100.29
29.5	95.19	99.95
29.6	94.86	99.61
29.7	94.55	99.27
29.8	94.23	98.94
29.9	93.91	98.61
50.0	56.16	58.97
50.5	55.60	58.38
51.0	55.06	57.81
51.5	54.52	57.25
52.0	54.00	56.70
52.5	53.49	56.16
53.0	52.98	55.63
53.5	52.49	55.11
54.0	52.00	54.60

RADIATOR FREQ	RADIALS	
144.0	19.50	20.48
144.5	19.43	20.40
145.0	19.37	20.33
145.5	19.30	20.26
146.0	19.23	20.19
146.5	19.17	20.13
147.0	19.10	20.06
147.5	19.04	19.99
148.0	18.97	19.92
220.0	12.76	13.40
220.5	12.73	13.37
221.0	12.71	13.34
221.5	12.68	13.31
222.0	12.65	13.28
222.5	12.62	13.25
223.0	12.59	13.22
223.5	12.56	13.19
224.0	12.54	13.16

RADIATOR FREQ	RADIALS	
423.0	6.64	6.97
424.0	6.62	6.95
425.0	6.61	6.94
426.0	6.59	6.92
427.0	6.58	6.90
428.0	6.56	6.89
429.0	6.55	6.87
430.0	6.53	6.86
431.0	6.52	6.84
432.0	6.50	6.83
433.0	6.48	6.81
434.0	6.47	6.79
435.0	6.46	6.78
436.0	6.44	6.76
437.0	6.43	6.75
438.0	6.41	6.73
439.0	6.40	6.72
440.0	6.38	6.70
441.0	6.37	6.69
442.0	6.35	6.67
443.0	6.34	6.66
444.0	6.32	6.64
445.0	6.31	6.63
446.0	6.30	6.61
447.0	6.28	6.60
448.0	6.27	6.58
449.0	6.25	6.57
450.0	6.24	6.55

About Rubber Ducks

The rubber duck antenna on your handheld is not a very efficient antenna. The typical 2 meter rubber duck has a 5 db loss. If you have a 3 watt radio, your rubber duck will only radiate less than 1 watt!! A quarterwave antenna has 0 db loss and will allow all 3 watts to be radiated!!

Did you know...

Why we use 52 ohm coax ?

During world war II it was discovered that the minimum amount of material was needed to make a 52 ohm cable. It conserved critical war materials and increased profits for the manufacturers!

Thanks to W3JIW for the info!

Mass market sales of ham gear

Dave Fordham, KD9LA

Hams in and around Virginia's Shenandoah Valley have been plagued with unlicensed operation on the 2-meter ham band coming from hunters and poachers in the George Washington National Forest and Shenandoah National Park. Every fall, these people can be heard for miles on many ham frequencies, including repeater inputs, as they coordinate their activities. These unlicensed operators admit having obtained their radios through mass-marketing channels. One of them even bragged that he had read the licensing requirement, and was advised of the requirement by the store salesperson. But, in his words, "it was there and fit my purposes, so I bought it. Heck, I even got one for my wife. The only one who cares if you get a license is that jerk who comes on and asks for our call sign."

According to David Fordham, KD9LA, editor of the Massanutten and Valley Amateur Radio Associations newsletter, *The Monitor*, these hunters (and several other unlicensed operators in the area) are not the kind who frequent Ham Radio Outlet or would go to the trouble of ordering from Amateur Electronic Supply. No, these fellows bought the radios because they were readily available, with no hard questions, such as "can I have your call sign?" coming from the sales people.

Fordham is convinced that if these operators had not seen the radios sitting on the shelf of the mass-merchandising outlets, they would never have thought of using the 2-meter band for their communications needs. They didn't go to the trouble of contacting Motorola to get their radios — why would they go to the trouble of contacting a ham dealer?

In the late 1970s Sears sold a 2M ham radio through its general catalog. Fordham, who worked at

the Sears catalog distribution center at the time, reported that a spot check of seven orders for the radio indicated that buyers of the rigs were not hams, in spite of boldfaced warnings in the catalog that the radio required a license involving an FCC test.

Not one of the seven orders had been placed by a ham. One had even been placed by a business owner intending to use them to keep in touch with his employees. Several of the buyers indicated, honestly or not, that they believed the "application" for the license would come in the box with the radio. They had apparently overlooked or ignored the wording about the examination.

Fordham points out that the CB radio service was, in his words, "a half-way decent radio service" requiring a license, back before you could get a CB from almost any electronics store. He points out that mass availability of the transmitters eventually overwhelmed the FCC's ability to police the service, resulting in the demise of what had been a useful communications service. Can the sale of thousands (or hundreds of thousands) of ham radios be good for an already overcrowded band, especially making them easily (the operative word is "easily") available to persons who have not demonstrated knowledge of the rules and regulations? WR

...

Clean yourself up!

Great article in "Publisher's Microphone" dated September 1996. You have hit it right on the head. This country is becoming a mass of mush. No morals, no values and no family structure. For those who didn't bother to renew their licenses, [too bad]. . . I wish I was part of the days when a ham radio operator got a real education just qualifying for his licenses. Mine were too easy.

I am . . . [an educator] by profession and it is scary what we are dealing with as far as education is concerned. I think most of my students came from the schools that you mentioned in your article. They must have received a passing grade for just showing up.

I absolutely love the expression, "It is possible to have a society in which nobody fails (and thus nobody excels), it is called Albania." Fantastic. Right on!! For ten years

straight I worked two full-time jobs to get a start in life and own my own home. I tell the kids of today this and they look at me like I am crazy.

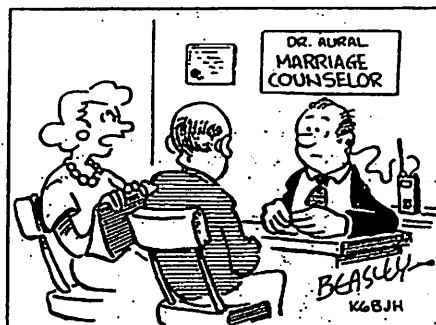
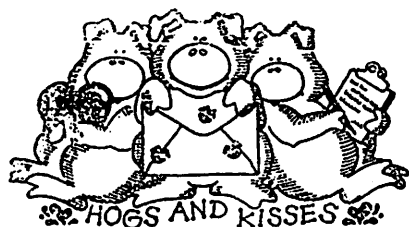
I haven't seen many ham shacks other than my own which is usually neat and orderly, but my wife does get on me about my stacks of reading material. My biggest pet peeve concerning ham radio operators is the way they appear. For years I have worked the TRW Swapmeet in Los Angeles for our Amateur Radio club. I am also the secretary/treasurer for the same club, called the Western Amateur Radio Association.

Our swapmeet activity was our biggest fund raiser and the swapmeet is attended by hundreds of hams and electronic folks. Many of the Amateur Radio operators come to the local swapmeets looking like they just crawled out from under a rock. It is embarrassing. I'm sorry, but there is no excuse for their appearance. I have to get up early to load my truck and get ready for the swapmeet, and I look the same way as I do when I go to work each day. I see hams looking the same at major conventions. Our club worked the Queen Mary Convention a year ago in Long Beach and I swear the same bums showed up with their unshaven faces, dirty clothes, and general "homeless" look.

Come on, ham community. Have some pride. I can't believe these people show up in public looking the way they do. I can honestly say these are all male ham radio operators. I don't believe I've ever seen a female ham look that unkempt.

Thanks again for the great article. I have subscribed to your magazine since the day I passed my first test and got the free introductory issue, and I always will. Keep up the great work.

Joseph R. Haas, KE6EZG
Garden Grove, CA



I SAID, DOCTOR, I'M SICK AND TIRED OF MY HUSBAND ALWAYS SITTING AROUND WITH HIS EAR GLUED TO A HANDHELD RADIO!

OTVARC Club Contacts

OTVARC Executive Board

President	Jim Schaeffer	KB7ADH	245-2518
Vice President	Neil McKie	WA6KLA	649-4264
Secretary	Alan Chinnock	KB7POR	636-2237
Treasurer	Brad Beach	N7NVC	657-1781
Trustee			
Trustee	Chuck Mickley	KI7CL	642-1284
Trustee	Janet Bell	WB7FJC	648-4147
Trustee	Al Berg	WB7SIC	640-5456
Trustee	Stan Griffiths	W7NI	649-0837

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	297-2732
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	Rich Jones	KG7FS	645-9417
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	WB7SIC	640-5456
Emergency Services			
Field Day	Carl Clawson	WS7L	629-5796
Health & Welfare	Mary Berg	N7TRW	640-5456
Member Badges	Carl Clawson	WS7L	629-5496
Newsletter Editor	OPEN		
Newsletter Layout	OPEN		
Newsletter Distribution	Al Berg	WB7SIC	640-5456
Nominating Committee	Hanford Van Ness	KE7BB	246-7975
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	Alan Chinnock	KB7POR	636-2237
	Chuck Mickley	KI7CL	642-1284
Public Relations	Bill Merwin	N7VZF	644-1974
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	N7PEX	640-0217
Satellites	Dick Emmel	W7KJZ	245-1928
Scholarship	Carl Clawson	WS7L	629-5796
Sea-Pac	Al Berg	WB7SIC	640-5456
	Brad Beach	N7NVC	657-1781
	Jim Schaeffer	KB7ADH	245-2518
	Randy Stimson	KZ7T	297-1175
Technical	OPEN		
Tower Ordinances	Stan Griffiths	W7NI	649-0837
Trailer	Dee Lynch	KA7NPN	646-4580
Training(Code)	Burt Rooke	KI7JX	241-2891
Training(Novice/Tech)	Burt Rooke	KI7JX	241-2891
Training(Upgrade)	OPEN		
VE Test Group	Gerry Villhauer	WA0UCQ	693-7222
VHF/UHF	OPEN		

OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views and recommendations of its contributors are not necessarily those of the Club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time from January through June and July through December. All ads must be paid for in advance. Rates for 1994 are as follows:

Full Page	8" X 10"	\$200 for 6 mo.
Half Page	8" X 5"	\$125 for 6 mo.
Qtr Page	4" X 5"	\$75 for 6 mo.
Bus. Card	2" X 3"	\$35 for 6 mo.

Meetings: We have two meetings per month. The board meeting is on the fourth Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Club, 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.

Membership OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club Treasurer for prorated dues.

How To Join: Simply mail the Member Application and Renewal Form along with your dues to the address above.

Internet Home Page : WWW.EASYSTREET.COM/OTVARC

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OTVARC

OREGON TUALATIN VALLEY A.R.C.

PO Box 5132

ALOHA, OR 97006-0132

ADDRESS CORRECTION REQUESTED

~~Al Berg~~
~~2200 SE Oak Crest~~
~~Hillsboro~~
~~OR 97123~~
~~WBZSic~~

